



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 20, 2015

Joanna Holcombe
Senior Regulatory Assurance Associate
Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Subject: Notification per PRN 98-10 – Add optional marketing claims
Product Name: AW90 (RPL)
EPA Registration Number: 1258-1355
Application Date: May 19, 2015
Decision Number: 505862

Dear Ms. Holcombe:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, you may contact Wanda Henson at (703) 308-6345 or via email at henson.wanda@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Wanda J. Fuller, for".

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

{All text in braces {AAA} is for information purposes and will not appear on final label}

AW90 (RPL)

Active Ingredient: Calcium Hypochlorite 59.5%
Other Ingredients 40.5%
Total 100.0%

[Minimum Available Chlorine58%]

KEEP OUT OF REACH OF CHILDREN
[MANTÉGASE FUERA DEL ALCANCE DE LOS NIÑOS]

DANGER [PELIGRO]

Contamination or improper use may cause intense fire, explosion, or the release of toxic gases. Do not allow product to contact any foreign matter, including other water treatment products. If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter. Do not mix this product with a small amount of water. Only add directly to your pool. Do not add water to this product. Add only into water. Highly corrosive. Causes skin and eye damage. May be fatal if swallowed.

{Note to reviewer: Although this product has a “Danger” signal word, as per the EPA label review manual “The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement, “See First Aid (or Statement of Practical Treatment) on (identify appropriate panel)” appears on the front panel.” If the First Aid Statements are placed on the front panel of the final graphic label, the statement below will only reference Precautionary statements.}

Read all Precautionary [and First Aid] Statements on [back] [side] [right] [left] panel before use.

EPA Reg. No. 1258-1355
[Superscript Used in Lot Number]
EPA EST. NO. XXXX-YY-ZZZ

Net Wt. xxx

Sold by:
Arch Chemicals, Inc.
P.O. Box 724438
Atlanta, GA 31139-1438

NOTIFICATION

1258-1355

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

07/20/2015

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Irritating to nose and throat.

- Open in a well-ventilated area. Avoid breathing dust and fumes.
- Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear protective eyewear and rubber gloves when handling this product. For additional skin protection, wear long sleeves and long pants.
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove and wash contaminated clothing before reuse.
- [Only use utensils that are thoroughly clean and dry.] {For use with resealable packaging.}

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IN CASE OF EMERGENCY CALL: 1-800-654-6911

PHYSICAL AND CHEMICAL HAZARDS:

If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter. Do not add water to this product. Do not mix this product with a small amount of water. Only add this product directly to your pool water.

- Do not allow to become wet or damp before use.

Can react with other materials, including other water treatment products, to cause intense fire, explosion, and the release of toxic gases.

- Keep all foreign matter, including other water treatment products, away from this product.
- Do not use this product in a floater or feeder that has been used with any other product.
- Do not allow this product to contact other water treatment products.

Exposure to heat can cause this product to rapidly decompose, leading to intense fire, explosion, and the release of toxic gases.

- Store in a cool, dry, well-ventilated area.

Strong oxidizing agent. This product can increase fire intensity. Keep away from heat and from flame and burning material (like a lighted cigarette).

Note to reviewer:

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ENVIRONMENTAL HAZARDS:

This product is toxic to fish and aquatic organisms.

{Note to reviewer: Additional Environmental Hazards statements for end-use products in containers ≥ 50 pound (solid, dry weight):

Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, oceans or public waters unless in accordance with the requirements of National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

{Optional}

[In case of emergency call: 1-800-654-6911]



[]

[Made in the USA]

Made in USA



[]

[Visit [brand]: *(insert website here)*]

Note to reviewer:

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{OPTIONAL MARKETING CLAIMS}

[Kills bacteria, destroys organic contaminants and controls algae]

[Effective shock and oxidizer]

[Concentrated granular chlorinator]

[Routine Chlorinator]

[Shock Treatment And Superchlorinator for Swimming Pools and Spas]

[No Need to Predissolve]

[Good for all Pool surfaces]

[All-in-one Chlorinates, shocks, Kills Algae]

[Multipurpose sanitizer and shock treatment (all in one)]

[(All in one) Shocks, Clarifies and oxidizes]

{Customer-Specific Claims:}

{Alternative 3 Step Program}

3-STEP POOL TREATMENT PROGRAM			
1. SANITIZE	2. SHOCK-OXIDIZE	X	3. ALGAE PREVENTION

{Alternative three step program marketing statements available to all labels. Steps 1, 2, and 3 will only be available to their respective product type/ approved use. We have included all statements here for clarity purposes.}

[STEP 1] [SANITIZE][Use a registered sanitizer according to its labeling.]

[STEP 2] [SHOCK-OXIDIZE] [Use [Product Name] registered shock or [Product Name] oxidizer according to its labeling.]

[STEP 3] [ALGAE PREVENTION]

[ALGAECIDES]

[Algaecides add an extra layer of pool protection, while creating a more pleasant swimming environment. [This product] algaecides safeguard your pool, preventing all types of algae.]

[BALANCE][BALANCERS] [Properly balanced water prevents corrosion and staining. It will also optimize the performance of your sanitizer. Using [Product Name] balancers, as needed, simplifies the balancing act to help achieve properly balanced water.]

[SUPPLEMENT] [SUPPLEMENTS]

[Prevent specific water problems with [Product Name] supplements. The perfect complement to your pool care regimen, [Product Name] offers a variety of cleaners, clarifiers and stain removers.]

Note to reviewer:

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DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ALL PRECAUTIONARY STATEMENTS BEFORE USE.

[This product is a concentrated chlorinating agent.] [It is in a dry, free-flowing form.] [It kills bacteria, controls algae and destroys organic contaminants in pools.]

{SWIMMING POOLS :}

[WHY YOU SHOULD USE THIS PRODUCT: This is an effective [shock] [and] [sanitizer] product that [destroys bacteria and algae.] [It is convenient, easy to use, and won't over-stabilize your pool.]

WATER BALANCE:

[To provide optimum product performance, swimmer comfort and crystal clear water always maintain pH from 7.2 to 7.6, total alkalinity from 80 to 120 parts per million (ppm), and calcium hardness above 200 ppm. Test frequently using a [brand] test kit or test strips that measures all these ranges.

Make any necessary adjustments promptly with the appropriate [brand] pool care products. Reentry into treated pools is prohibited with chlorine levels above 4 ppm due to risk of bodily injury.]

{or}

[Adjust and maintain pool water pH from 7.2 to 7.6, total alkalinity from 80 to 120 parts per million (ppm) and calcium hardness above 200 ppm. Test frequently using a [n] [brand] [test kit] [or] [test strips] that measure[s] all of the above ranges. [Bring a pool water sample to your [brand] dealer frequently to test for water balance.]

Maintain free available chlorine between 1 - 4 ppm]

{or}

[Adjust and maintain pool water to recommended ranges:

	Acceptable Range for Balance
pH	7.2-7.6
Total Alkalinity	80-120 ppm
Calcium Hardness	Above 200 ppm
Available Chlorine	1-4 ppm

]

{Sanitizer Directions}

HOW TO USE: [Do not pre-mix this product before adding it to your pool]. [Only add this product directly to your pool.]

{When contents are in a resealable container:} [Use only a clean, dry [scoop] lid to measure this product]. [Do not use the [scoop] [lid] for any other purpose.] **{When contents are in a single use bag for use:}** [Use entire contents when opened]. Add the recommended dosage of this product during evening hours while the filter pump is running. When adding this product to your pool, broadcast the product evenly over a wide area in the deepest part of the pool. If any granules settle to the bottom of the pool, use brush to disperse.

[ROUTINE CHLORINATION: For best results, see "WATER BALANCE" section before treatment. Throughout the pool season, adjust and maintain pH at 7.2-7.6. [Check available chlorine with [a suitable [brand] test kit] [reliable test strips].] [Allow the pH adjusters to dissolve and disperse before adding this product to the pool.]

[Add [2.0 – 8.0 ounces of this product per 10,000 gallons] {or} [1.0 – 4.0 ounces of this product per 5,000 gallons] {or} [0.1 – 0.4 ounces per 500 gallons] of pool water daily or as often as needed to maintain the free available chlorine residual at 4 ppm. Follow "HOW TO USE" directions on this package.]

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[Follow "HOW TO USE" directions to maintain chlorine residual in [a 5,000 -10,000 gallon] pool.]

{charts are optional in whole or part based upon gallons for treatment}

[Follow the following dosage recommendations based upon pool size.

Desired Chlorine Residual	Dosage for pool
1-4 ppm	0.1 – 0.4 ounces per 500 gallons
1-4 ppm	0.2 – 0.8 ounces per 1,000 gallons
1-4 ppm	1.0 – 4.0 ounces per 5,000 gallons
1-4 ppm	2.0 – 8.0 ounces per 10,000 gallons

]

[Dosage for Pools: Follow the following dosage recommendations based upon pool size.

Desired Chlorine level (ppm)	500 Gallons	1,000 Gallons	2,500 Gallons	5,000 Gallons	7,500 Gallons	10,000 Gallons
1	0.1 oz.	0.2 oz.	0.5 oz.	1.0 oz.	1.5 oz.	2.0 oz.
2	0.2 oz.	0.4 oz.	1.0 oz.	2.0 oz.	3.0 oz.	4.0 oz.
3	0.3 oz.	0.6 oz.	1.5 oz.	3.0 oz.	4.5 oz.	6.0 oz.
4	0.4 oz.	0.8 oz.	2.0 oz.	4.0 oz.	6.0 oz.	8.0 oz.

{Shock Directions}

POOL SHOCK TREATMENT:

[WHY YOU SHOULD USE THIS PRODUCT: This is an effective, shock product that works quickly to destroy bacteria and algae in pool water.

Add the recommended dosages of this product while the filter pump is running. Adjust and maintain pH to 7.2 to 7.6 [with [brand and or product name] [pH adjusters]]. Follow label directions. Allow the pH adjusters to dissolve and disperse before adding this product to the pool. When adding this product to your pool, broadcast this product evenly over a wide area of the deepest part of the pool. If any granules settle to the bottom of the pool, use brush to disperse.

AW90 (RPL)

EPA Reg. No. 1258-1355

EPA Draft Label 2015-05-19

Note to reviewer:

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DOSAGE RATE:

{For all packaging except one time dose single use bags}

[SHOCK TREATMENT / SUPER CHLORINATION: For best results, see “WATER BALANCE” and “HOW TO USE” sections before treatment. Add 1 lb. of this product per 12,500 gallons of water [to yield 6 ppm available chlorine]. Shock treatments are recommended weekly, or as necessary to prevent pool problems. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury.

{End of section -For all packaging except one time single use bags}

{For one time dose single use bags, use the following verbiage:}

{6 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see “WATER BALANCE” and “HOW TO USE” sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 6 ounces (one bag) per 5,000 gallons of water to yield 5 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 6 ounce bag}

{8 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see “WATER BALANCE” and “HOW TO USE” sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 8 ounces (one bag) per 5,000 gallons of water to yield 7 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 8 ounce bag}

{9 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see “WATER BALANCE” and “HOW TO USE” sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 9 ounces (one bag) per 5,000 gallons of water to yield 8 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 9 ounce bag}

{11 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see “WATER BALANCE” and “HOW TO USE” sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 11 ounces (one bag) per 5,000 gallons of water to yield 10 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 11 ounce bag}

{16 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see “WATER BALANCE” and “HOW TO USE” sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding a 1lb. bag of [brand] [product name] per 10,000 gallons of water to yield 7 ppm available chlorine by weight. To effectively provide a shock treatment to your pool, a chlorine level of 5-10 ppm should be achieved. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 16 ounce bag}

Note to reviewer:

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{charts are optional in whole or part based upon gallons for treatment}

[Follow the following dosage recommendations based upon pool size.

Pouch Volume (oz.)	Number of Pouches				Desired PPM of Chlorine
	5,000 Gallons	10,000 Gallons	15,000 Gallons	20,000 Gallons	
6	1	2	3	4	5
8	1	2	3	4	7
9	1	2	3	4	8
11	1	2	3	4	10
16	Do not use	1	1	2	10

[Note: 6-12 oz. to 5,000 gallons of pool water will deliver 5-10 ppm free chlorine for a stabilized pool.]

Gallons to Treat	PPM of Chlorine Delivered	
	1 lb. (16 oz.)	2 x 1 lb. bags (32 oz.)
7,500	10 ppm	Will exceed 10 ppm
10,000	7 ppm	Will exceed 10 ppm
12,500	6 ppm	Will exceed 10 ppm
15,000	5 ppm	8 ppm
20,000	4 ppm	6 ppm

{For pools 5,000 gallons and larger}

[ALGAE CONTROL: 1. Follow "POOL SHOCK TREATMENT" directions on this label. 2. Add this product as close as possible to any algae on the sides or bottom of the pool. 3. Do not enter pool until the free available chlorine residual is 1-4 ppm. [Re-entry into treated pools is prohibited above levels of 4 ppm for risk of bodily injury.] 4. If necessary, repeat the treatment. 5. To prevent possible staining or bleaching, take the following steps immediately after treatment: Thoroughly clean pool by brushing surface of algae growth, vacuum and cycle through filter. For preventative algae control, use your preferred [brand] algaecide product regularly. **Follow label directions on [the algaecide] {or} [that product.]**

{Labels of resealable containers used to treat pools 10,000 gallons and larger}

[WINTERIZING: For best results, see "WATER BALANCE" section before treatment. While the water is still clear and clean, prepare for long periods of disuse by gradually adding 36 ounces of this product per 10,000 gallons of pool water that is clear and clean. This provides 15 ppm free available chlorine. Follow "HOW TO USE" directions on this package. Run the filter pump until granules are completely dissolved. Cover the pool with a [plastic] pool cover. Prepare the heater, pump and filter components for winterizing by following manufacturer's directions.]

Note to reviewer:

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[TO DETERMINE YOUR POOL CAPACITY IN U.S. GALLONS, USE THE APPROPRIATE FORMULA BELOW:

POOL SHAPE FORMULA (Use measurements in feet only)

RECTANGULAR - Length x Width x Average Depth x 7.5 = Total Gallons.

ROUND - Diameter x Diameter x Average Depth x 5.9 = Total Gallons.

OVAL - Maximum Length x Maximum Width x Average Depth x 5.9 = Total Gallons.

FREE FORM - Surface Area (Sq. Feet) x Average Depth x 7.5 = Total Gallons]

{or}

[

TO DETERMINE POOL CAPACITY IN U.S. GALLONS	
Use appropriate formula below	
POOL SHAPE	FORMULA (Use measurement in feet)
Rectangular:	Length x width x average depth x 7.5 = total gallons
Round:	Diameter x diameter x average depth x 5.9 = total gallons
Oval:	Maximum length x maximum width x average depth x 5.9 = total gallons
Freeform:	Surface area (sq. feet) x average depth x 7.5 = total gallons

]

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

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STORAGE & DISPOSAL:

Do not contaminate food or feed by storage or disposal or cleaning of equipment

{Nonrefillable container - household/residential use}

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE "EMERGENCY HANDLING."

{Refillable container – household/residential use}

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Rinse empty container thoroughly with water to dissolve all material prior to disposal. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE "EMERGENCY HANDLING."

{Nonrefillable container - non-household/residential use}

Pesticide Storage: Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame.

Container Handling and Disposal: Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water to dissolve all material prior to disposal. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE "EMERGENCY HANDLING."

{Refillable container – non-household/residential use}

Pesticide Storage: Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame.

Container Handling and Disposal: Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, fill the container about 10 percent full with water. Agitate vigorously or recirculate with the pump for 2 minutes. Follow pesticide disposal instructions for rinsate disposal. Repeat procedure two more times. Offer rigid container for recycling if available or reconditioning if appropriate or place in trash. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE "EMERGENCY HANDLING."

EMERGENCY HANDLING: In case of contamination or decomposition – Do not reseal container. Immediately remove container to an open and well-ventilated outdoor area by itself. Flood with large amounts of water. Dispose of the container and any remaining contaminated material in an approved landfill area.